

## Chemistry Graduation Requirements Interdisciplinary: Geology

### Chemistry Core *(Required of All Majors)*

F=Fall; S=Spring, U=Summer Semesters

	Credits	Offered	<i>Honors Courses Indicated with H</i>	
CHEM 1210, 1220 (General Chemistry I & II)	(4, 4)	F, S, U		S: 1221H
CHEM 1215, 1225 (Gen Chem Labs)	(1, 1)	F, S, U		
CHEM 2310, 2320 (Organic Chemistry I & II)	(4, 4)	F, S, U	F: 2311H	S: 2321H
CHEM 2315, 2325 (Org Chem Labs)	(1, 1)	F, S, U		
CHEM 3000 (Quantitative Analysis)	(4) CW	F, U		
CHEM 3060 (Physical Chemistry I - Quantum)	(4) QI	F, S		
CHEM 3100 (Inorganic Chemistry)	(5)	F		
MATH 1210, 1220 (Calculus I & II)	(4, 4)	F, S, U		
MATH 2210 (Calculus III)	(3)	F, S, U		
PHYCS 2210, 2220 (Physics for Sci & Eng I & II)	(4, 4)	F, S, U	F: 2110	S: 2120
PHYCS 2215, 2225 (Physics Labs)	(1, 1)	F, S		

### Additional Courses

	Credits	Offered
CHEM 3070 Physical Chemistry II	(4)	F, S
<i>Two laboratory courses selected from:</i>		
CHEM 5700 (Adv. Analytical Lab)	(2)	S <sup>1</sup>
CHEM 5710 (Adv. Organic Lab)	(2)	F <sup>1</sup>
CHEM 5720 (Adv. Physical Lab)	(2)	S <sup>2</sup>
CHEM 5730 (Adv. Inorganic Lab)	(2)	F <sup>2</sup>
<i>Twelve or more units selected from the following:</i>		
GG 1110 Physical Geology	(3)	
GG 3060 Structural Geology	(3)	
GG 3080 Mineralogy	(4)	
GG 3090 Introduction to Igneous and Metamorphic Petrology	(4)	
GG 4100 Optical Mineralogy	(3)	
GG 5450 Mineral Deposits	(3)	
GG 5660 Geochemistry	(3)	
GG 5670 Isotope Geology	(3)	